

B-200 (UC-12B) - LARC 12/18/13

Aircraft: [B-200 \(UC-12B\) - LARC](#) ([See full schedule](#))

Flight Number: SLAP R005

Payload Configuration: SLAP - Scanning L-Band Active Passive

Nav Data Collected: Yes

Total Flight Time: 3.3 hours

Submitted by: Richard Yasky on 12/18/13

Flight Segments:

From:	KESN	To:	KLFI
Start:	12/18/13 19:05 Z	Finish:	12/18/13 22:23 Z
Flight Time:	3.3 hours		
Log Number:	14B003 - Completed as of this flight.	PI:	Edward Kim
Funding Source:	Jared Entin - NASA - SMD - ESD Hydrology Program		
Purpose of Flight:	Science		
Comments:	SLAP research flight #5 originated out of Easton MD Municipal airport and proceeded over the Delaware Bay bouy SJSN4 at 11,500 ft MSL for a fixed antenna nadir looking orbit at 35 degrees AOB. Eight east-west flightlines averaging 45 NM in length were completed in smooth air but strong wind conditions at 11,500 feet. During the transit back to KLFI, a second instrumented bouy overflight (bouy #44009) in W-386 was conducted followed by a 40 deg AOB orbit with the antenna beam fixed pointing to nadir. Uneventful transit back to KLFI for a full stop. This flight completed this phase of the Scanning L-Band Active Passive data collection with all flight science objectives met on schedule. Instrument will be downloaded tomorrow for return to GSFC.		

Flight Hour Summary:

	14B003
Flight Hours Approved in SOFRS	35.5
Total Used	20.3
Total Remaining	15.2

14B003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/25/13	SLAP CFP	Check	2.4	2.4	33.1	
11/25/13	SLAP CFP	Check	1.2	3.6	31.9	
11/25/13	SLAP CFP	Check	0.6	4.2	31.3	
12/02/13	SLAP ICF#1	Check	2.5	6.7	28.8	
12/03/13	SLAP ICF#2	Check	2.3	9	26.5	
12/16/13	SLAP R 003	Science	4.3	13.3	22.2	
12/18/13	SLAP R004	Science	3.7	17	18.5	
12/18/13	SLAP R005	Science	3.3	20.3	15.2	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

NASA Official: Bruce A. Tagg

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